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Patent Number(s):

JP7089976-A; JP2904687-B2

Title:

New oligosaccharides with improved in vivo proliferating activity towards Bifidus microbes - contains e.g. O-beta-D-galactopyranosyl-(1-4)-O-beta-D-galactopyranosyl-(1-3)-D-glucose

Patent Assignee Name(s) and Code(s):

SNOW BRAND MILK PROD CO LTD (SNOW)

Derwent Primary Accession Number:

1995-167244 [22]

Abstract:

At least one of O-beta-D-galactopyranosyl-O-beta-D-galactopyranosyl-D-glucose selected from a group consisting of the following: (a) O-beta-D-Galactopyranosyl-(1 4)-O-beta-D-galactopyranosyl-(1 3)-D-glucose, (b) O-beta-D-Galactopyranosyl-(1 4)-O-beta-D-galactopyranosyl-(1 2)-D-glucose, (c) O-beta-D-Galactopyranosyl-(1 4)-(O-beta-D-galactopyranosyl-(1 2))-D-glucose, (d) O-beta-D-Galactopyranosyl-(1 4)-O-beta-D-galactopyranosyl-(1 6)-D-glucose, (e) O-beta-D-Galactopyranosyl-(1 6)-(O-beta-D-galactopyranosyl-(1 3))-D-glucose and (f) O-beta-D-Galactopyranosyl-(1 6)-(O-beta-D-galactopyranosyl-(1 2))-D-glucose.

USE/ADVANTAGE - The oligosaccharides exhibit in vivo improved proliferating activity toward Bifidus microbes, and are useful as a starting material for functional foods. The oligosaccharides are useful as a starting material for the production of functional foods possessing proliferation promoting activity toward Bifidus microbes.

International Patent Classification:
 A23L-001/30; C07H-003/06; C12P-019/18

Derwent Class:

D17 (Sugar and starch industry); D13 (Other foodstuffs and treatment); D16 (Fermentation industry); E13 (Heterocyclics)

Derwent Manual Code(s):
 D06-H; E07-A02H

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Priority Application Information and Date:

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Patent 1 of 1

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